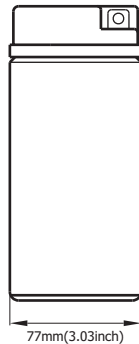
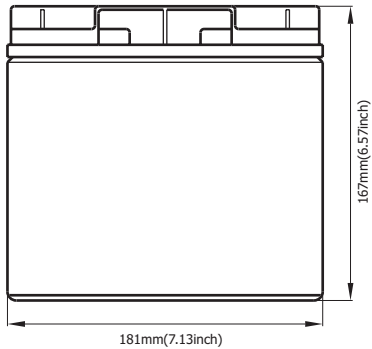


Terminal Dimensions



General Purpose

RPS Power Manager Series™ is a general purpose VRLA battery designed for a wide range of applications including Uninterruptible Power Supply (UPS), emergency lighting, communication, general purpose and other float service applications. The PM Series is provided in flame retardant, high impact case and has become the choice by OEM equipment manufacturers.

Application

- Alarm System
- Cable Television
- Communication Equipment
- Control Equipment
- Security System
- Medical Equipment
- UPS
- Emergency Power System

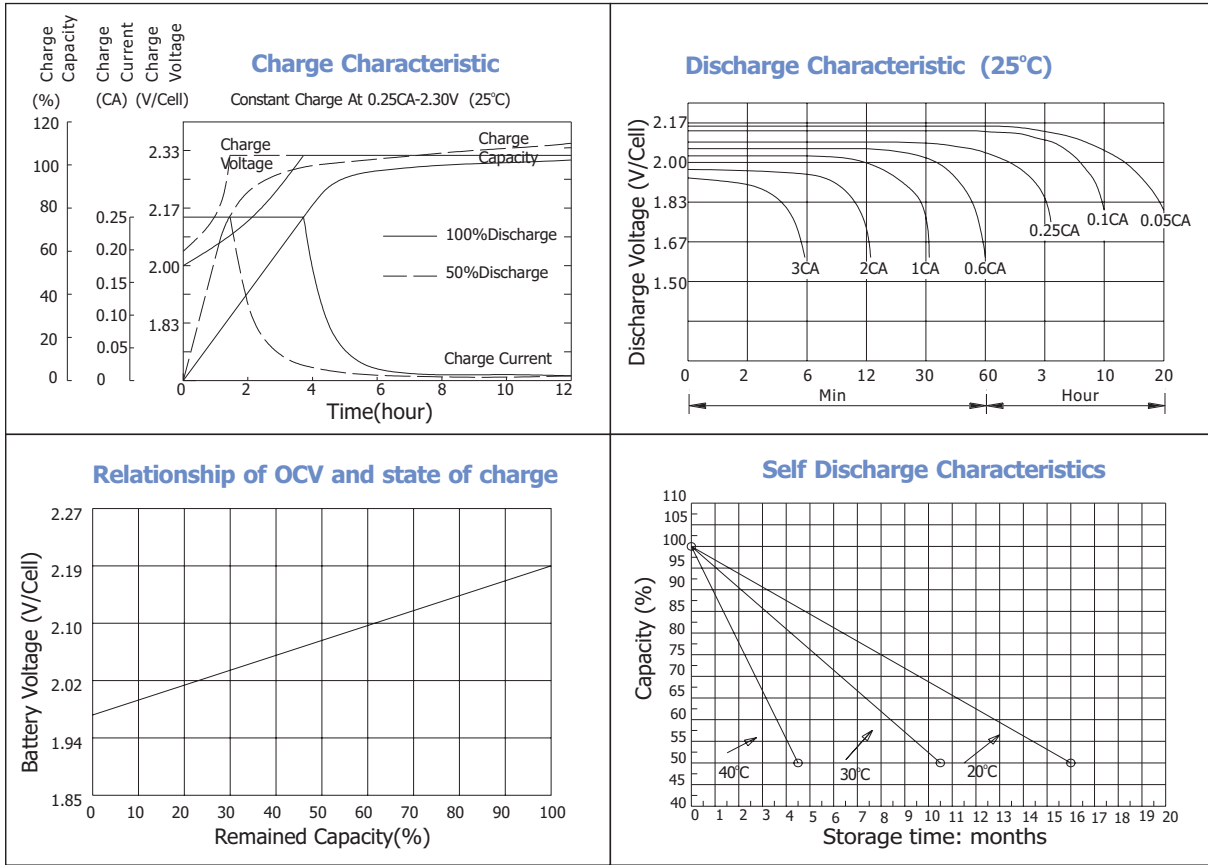
General Features

- Sealed & Maintenance Free Operation
- Non-Spillable Construction
- Patented O-Ring Post Seal Support
- UL94V-0 ABS Flame Retardant Case
- Thermally Welded Case to Cover Bond
- Exceptional Deep Discharge Recovery
- Low Pressure One-Way Safety Release Valve
- 100% Recyclable Materials

Construction

- ComponentRaw material
- PositiveLead dioxide
- NegativeLead
- ContainerABS
- CoverABS
- SealantEpoxy Resin
- Safety valveEPDR
- TerminalCopper
- SeparatorFiber glass
- ElectrolyteSulfuric acid

Battery Model	PM18-12			
Designed Floating Life	5 Years			
Capacity(25°C)	20HR(0.92A,1.75V)	10HR(1.8A,1.75V)	5HR(3.2A,1.75V)	1HR(11.1A,1.75V)
	18.4AH	18AH	16AH	11.1AH
Dimensions	Length	Width	Height	Total Height
	181mm(7.13inch)	77mm(3.03inch)	167mm(6.57inch)	167mm(6.57inch)
Approx. Weight	5.3Kg (11.719 lbs)			
Internal Resistance	Full charged at 25°C: 0.013 Ohm			
Self Discharge	3% of capacity declined per month at (25°C)			
Capacity Affected by Temp.(20HR)	40°C	25°C	0°C	-15°C
	102%	100%	85%	65%
Charge Voltage(25°C)	Cycle use		Float use	
	14.4-15V(-30mV/ °C), max. Current: 5.4A		13.6-13.8V(-20mV/ °C)	



Constant current discharge ratings-amperes at 25°C

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	70.3	43.8	33.0	20.1	12.8	5.62	3.43	1.92	1.01
1.67V	66.0	41.5	31.8	19.3	12.6	5.40	3.36	1.90	0.97
1.70V	60.5	40.0	31.0	17.5	12.2	5.04	3.29	1.89	0.96
1.75V	59.3	38.8	30.0	16.6	11.7	4.87	3.22	1.87	0.93
1.80V	53.0	37.0	27.3	15.4	10.9	4.68	3.02	1.84	0.91
1.85V	46.8	35.3	24.5	14.2	10.2	4.51	2.83	1.82	0.88

Constant power discharge ratings-watts at 25°C

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	123	79.0	60.3	36.3	23.1	9.96	5.80	3.84	2.02
1.67V	119	77.0	59.5	35.5	22.9	9.65	5.78	3.82	1.94
1.70V	112	76.3	59.0	33.3	22.5	9.22	5.70	3.79	1.92
1.75V	113	76.0	58.5	32.3	22.1	9.00	5.65	3.74	1.87
1.80V	103	74.9	54.3	30.8	20.9	8.74	5.48	3.70	1.82
1.85V	93.6	71.0	49.2	28.8	19.6	8.47	5.30	3.65	1.75



ISO9001:2000 Certificate



G4M20206-0910-E-16



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